

AMENDMENTS

IN THE CLAIMS:

1. (Currently Amended) A topical patch preparation of a delayed-type hypersensitivity inducer, said preparation comprising:
an adhesive gel composition comprising a metallic aluminum crosslinking agent and a delayed-type hypersensitivity inducer; and
a support.
2. (Original) The topical patch preparation according to Claim 1, wherein said delayed-type hypersensitivity inducer is 1-Chloro-2,4-Dinitrobenzene (DNCB).
3. (Original) The topical patch preparation according to Claim 2, wherein said DNCB is present in said adhesive gel composition in an amount ranging from about 0.01 to 10.0 % (w/w).
4. (Original) The topical patch preparation of Claim 1, wherein said adhesive gel composition comprises:
a water-soluble polymer gel;
water; and
a water retaining agent.
5. (Original) The topical patch preparation according to Claim 4, wherein said water is present in an amount ranging from about 10 to 80 % (w/w).
6. (Original) The topical patch preparation according to Claim 1, wherein said adhesive gel composition has a pH ranging from about 4.0 to 7.0.
7. (Original) The topical patch preparation according to Claim 1, wherein said adhesive gel composition further comprises an organic solvent.

8. (Original) The topical patch preparation according to Claim 7, wherein said organic solvent is selected from the group consisting of n-methyl-2-pyrrolidone, polyethylene glycol and crotamiton and combinations thereof.

9. (Currently Amended) A topical patch preparation comprising:

(a) an adhesive gel composition having a pH ranging from about 4.0 to 7.0 and comprising:

- (i) DNCB in an amount ranging from about 0.01 to 10.0 % (w/w);
- (ii) a water-soluble polymer gel;
- (iii) water in an amount ranging from about 10 to 80 % (w/w); and
- (iv) a metallic aluminum crosslinking agent; and
- (v) a water retaining agent; and

(b) a support.

10. (Original) The topical patch preparation according to Claim 9, wherein said DNCB is present in an amount ranging from about 0.1 to 5.0 % (w/w).

11. (Original) The topical patch preparation according to Claim 10, wherein said DNCB is present in an amount ranging from about 0.2 to 3.0% (w/w).

12. (Original) The topical patch preparation according to Claim 9, wherein said water is present in an amount ranging from about 20 to 70% (w/w).

13. (Original) The topical patch preparation according to Claim 12, wherein said water is present in an amount ranging from about 30 to 60 % (w/w).

14. (Original) The topical patch preparation according to Claim 9, wherein said pH ranges from about 4.0 to 6.0.

15. (Original) The topical patch preparation according to Claim 14, wherein said adhesive gel composition further comprises an organic solvent.

16. (Original) The topical patch preparation according to Claim 15, wherein said organic solvent is selected from the group consisting of n-methyl-2-pyrrolidone, polyethylene glycol, and crotamiton and combinations thereof.

17. (Currently Amended) A topical patch preparation comprising:

(a) an adhesive gel composition having a pH ranging from about 4.0 to 6.0 and comprising:

- (i) DNCB in an amount ranging from about 0.2 to 3.0 % (w/w);
- (ii) a water-soluble polymer gel;
- (iii) water in an amount ranging from about 30 to 60 % (w/w);
- (iv) a water retaining agent; and
- (v) an organic cosolvent selected from the group consisting of n-methyl-2-pyrrolidone, polyethylene glycol and crotamiton and combinations thereof; and
- (vi) a metallic aluminum crosslinking agent; and

(b) a support.

Claims 18 to 36 (Cancelled).

37. (Currently Amended) A kit for use in transdermal delivery of a delayed-type hypersensitivity inducer to a subject in need thereof, said kit comprising:

(a) a topical patch preparation comprising:

- (i) an adhesive gel composition comprising an effective amount of a delayed-type hypersensitivity inducer and a metallic aluminum crosslinking agent; and

- (ii) a support; and

(b) instructions for using said preparation.

38. (Original) The kit according to Claim 37, wherein said kit comprises a plurality of said topical patch preparations.

39. (Original) The kit according to Claim 38, wherein said plurality of topical patch preparations are present in separate containers.

40. (Original) The kit according to Claim 39, wherein said separate containers are sealed pouches.

41. (New) A topical patch preparation of a delayed-type hypersensitivity inducer, said preparation comprising:

a release film;

an adhesive gel composition comprising a delayed-type hypersensitivity inducer and a metallic aluminum crosslinking agent; and

a support.

42. (New) The topical patch preparation according to Claim 41, wherein said delayed-type hypersensitivity inducer is 1-Chloro-2,4-Dinitrobenzene (DNCB).

43. (New) The topical patch preparation according to Claim 42, wherein said DNCB is present in said adhesive gel composition in an amount ranging from about 0.01 to 10.0 % (w/w).

44. (New) The topical patch preparation of Claim 41, wherein said adhesive gel composition comprises:

a water-soluble polymer gel;

water; and

a water retaining agent.

45. (New) The topical patch preparation according to Claim 44, wherein said water is present in an amount ranging from about 10 to 80 % (w/w).

46. (New) The topical patch preparation according to Claim 41, wherein said adhesive gel composition has a pH ranging from about 4.0 to 7.0.

47. (New) The topical patch preparation according to Claim 41, wherein said adhesive gel composition further comprises an organic solvent.

48. (New) The topical patch preparation according to Claim 47, wherein said organic solvent is selected from the group consisting of n-methyl-2-pyrrolidone, polyethylene glycol and crotamiton and combinations thereof.

49. (New) A topical patch preparation comprising:

(a) a release film;
(b) an adhesive gel composition having a pH ranging from about 4.0 to 7.0 and comprising:

(i) DNCB in an amount ranging from about 0.01 to 10.0 % (w/w);
(ii) a water-soluble polymer gel;
(iii) water in an amount ranging from about 10 to 80 % (w/w);
(iv) a water retaining agent; and
(v) a metallic aluminum crosslinking agent; and

(c) a support.

50. (New) The topical patch preparation according to Claim 49, wherein said DNCB is present in an amount ranging from about 0.1 to 5.0 % (w/w).

51. (New) The topical patch preparation according to Claim 50, wherein said DNCB is present in an amount ranging from about 0.2 to 3.0% (w/w).

52. (New) The topical patch preparation according to Claim 49, wherein said water is present in an amount ranging from about 20 to 70% (w/w).

53. (New) The topical patch preparation according to Claim 52, wherein said water is present in an amount ranging from about 30 to 60 % (w/w).

54. (New) The topical patch preparation according to Claim 49, wherein said pH ranges from about 4.0 to 6.0.

55. (New) The topical patch preparation according to Claim 54, wherein said adhesive gel composition further comprises an organic solvent.

56. (New) The topical patch preparation according to Claim 55, wherein said organic solvent is selected from the group consisting of n-methyl-2-pyrrolidone, polyethylene glycol, and crotamiton and combinations thereof.

57. (New) A topical patch preparation comprising:

- (a) a release film;
- (b) an adhesive gel composition having a pH ranging from about 4.0 to 6.0 and comprising:
 - (i) DNCB in an amount ranging from about 0.2 to 3.0 % (w/w);
 - (ii) a water-soluble polymer gel;
 - (iii) water in an amount ranging from about 30 to 60 % (w/w);
 - (iv) a water retaining agent;
 - (v) an organic cosolvent selected from the group consisting of n-methyl-2-pyrrolidone, polyethylene glycol and crotamiton and combinations thereof; and
 - (v) a metallic aluminum crosslinking agent; and
- (c) a support.